BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Providing RCC Drains and Covering Slab at Agrahara layout in Ward No.05 Byatarayanapura Sub Division.

								Estimate Cost Rs.	2500000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 152/ Item No. 19.2/ PWD SR 2013-14	cum							
	RCC Drain Agrahara layout 1st main		2	196.00	0.85	0.75	249.90		
	Cross Road		2	33.00	0.85	0.75	42.08		
							291.98	90.72	**26488.00**
	Basic Rate	84.00							
	Area Weightage @ 8%	6.72							
	Total	**90.72**							
2	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	**Cum**							
	RCC Drain Agrahara layout 1st main		2	196.00	0.80	0.15	47.04		
	Cross Road		2	33.00	0.80	0.15	7.92		
							54.96	4290.84	**235825.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
3	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.Specification NO. KBS 4.6.2 Page No. 16/ Item No. 4.28/ PWD SR 2013-14	**Sqm**							
	RCC Drain Agrahara layout 1st main		2X4	196.00		0.60	940.80		
	Cross Road		2X4	33.00		0.60	158.40		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							1099.20	224.64	**246924.00**
	Basic Rate	208.00							
	Area Weightage @ 8%	16.64							
	Total	**224.64**							
4	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix **M20** withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, **No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2013-14**	**Cum**							
	Bottom Concrete								
	RCC Drain Agrahara layout 1st main		2	196.00	0.85	0.10	33.32		
	Cross Road		2	33.00	0.85	0.10	5.61		
	Side Walls								
	RCC Drain Agrahara layout 1st main		2X2	196.00	0.15	0.60	70.56		
	Cross Road		2X2	33.00	0.15	0.60	11.88		
							121.37	5639.76	**684498.00**
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	**5639.76**							
5	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46.1/ PWD SR 2013-14	**Qtl**							
	0.75 Qtl/Cum		0.75	121.37			**91.03**	7380.72	**671848.00**
									671866.0
	Basic Rate	6834.00							
	Area Weightage @ 8%	546.72							
	Total	**7380.72**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab Agrahara 1st main	Sqm							
	RCC Drains Kogilu layout 4th B Cross		2	200.00	0.90		360.00		
	5th Corss		2	33.00	0.90		59.40		
							419.40	1427.15	**598547.00**
	Data Rate	**1427.15**							
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum				limited to 18B.O			@290.16.
				Qty. Vide Item No. 1			**298.24**	67.32	**20078.00**
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							
	Total	**67.32**							
8	For 1% Third Party Charges in Est Cost					P 1771			25000.00
9	Miscesallaneous Charges	L/S		SENO. 18/13-14					3672.00
								Total	**2500000.00**

(Rupees Twenty Five Lakhs Only)

Technical Sanction for Rs. Rs 25.00 lakhs
Rupees twenty five lakhs only

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2013-14
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Registered as EE ( ) Subject to conditions contained in enclosed memo No: 18/13-14 Dt 22/10/13
AEE
EE (BTP.Div.)

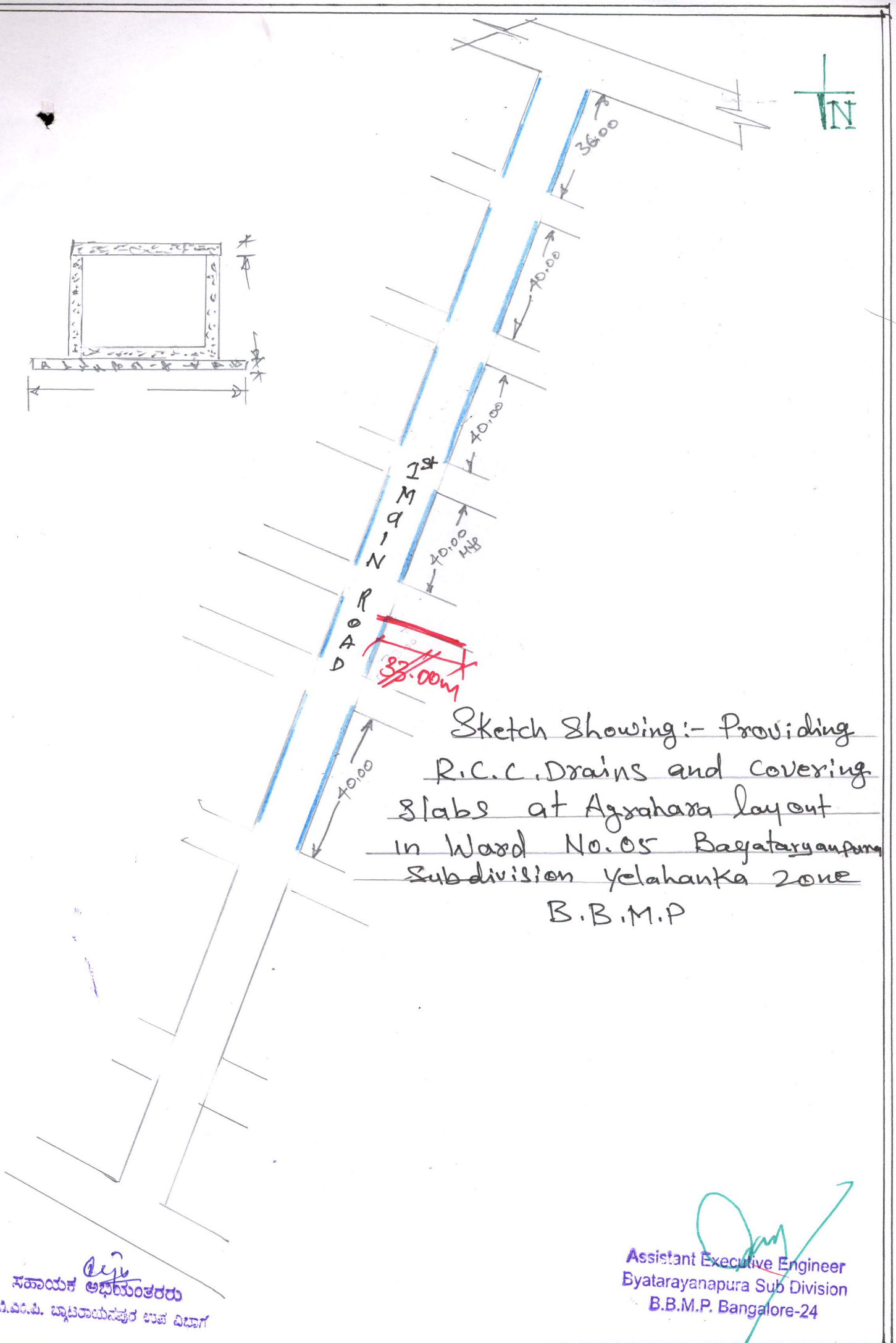
Assistant Engineer

Asst. Exe. Engineer
Byatarayanapura Sub Division

Executive Engineer
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs - 25.00 Lacs
Rupees twenty five lacs
Under P-1771
Registered as JC ( ) No 292/13-14
Subject to conditions contained in enclosed memo EE( ) No /9/
Dt JC/yd/292/13-14 30/10/13 Estimate A/Sanctioned No
dated Rs

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.



Sketch Showing:- Providing R.C.C. Drains and covering Slabs at Agrahara layout in Ward No. 05 Bagatarayanapura Subdivision Yelahanka Zone B.B.M.P

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Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore-24